The Office of Planning and Budget (OPB) is designated by state law as the official demographic center for the State of Georgia. In this capacity, OPB has produced population estimates and projections since 1971. During this time, extensive research has been conducted relative to estimate and projection methodologies. Additionally, OPB has been designated by the Governor to participate in the Federal-State Cooperative Program for Local Population Estimates. The objective of this program is the development and publication of population estimates for counties using uniform procedures standardized for data input and methodology. Also, OPB serves as a member of the Federal-State Task Force for Population Projections and is an official review agency of population projections prepared by the U.S. Bureau of Economic Analysis. As part of these programs, OPB works directly with local governments, local planning commissions, state agencies, and many other groups in the public and private sector.

As part of OPB's information dissemination activities, OPB serves as the lead agency in Georgia for the State Data Center Program, a cooperative program between States and the U.S. Bureau of the Census. The purpose of this program is the timely and accurate dissemination of decennial and intercensal products.

The state estimates of population for the years 1981, 1982, 1983, and 1984 were derived utilizing data on births, deaths, auto registrations, school enrollment, income tax returns, homestead exemptions, medicare enrollment, and institutional population. Births and deaths were obtained from the State Department of Human Resources. This information is collected by place of residence and not by place of occurrence. Auto registrations, the number of income tax returns tabulated, and homestead exemptions were obtained from the State Department of Revenue. Public school enrollment was obtained from the State Department of Education (DOE). Private enrollment was acquired through a joint effort of OPB and DOE. Only data for grades 1-8 was utilized in our methodology. The medicare enrollment was obtained from the U.S. Bureau of the Census. Institutional population was collected by OPB from schools, hospitals, prisons, and military bases throughout Georgia.

In preparing the population estimates of the 1980's, change in variable data was analyzed as it related to change in the civilian-non-institutional population from 1970 to 1980. Components of that change, such as births, deaths, population age groups 1-5, 6-13, and 65 plus, and household size were evaluated relative to natural increase and net migration. No adjustment was made for census undercount. Statistics gathered from the above analysis were related to change in the input data for the 1980's to derive the estimates. The age 65 plus component was calculated using medicare data and its relationship to 1980 population age 65 plus by county. Population for the age cohort 0-13 was calculated from birth data and school enrollment data in conjunction with age-specific migration rates.

Proportional estimates of total net migration derived from auto registrations, income tax returns, and homestead exemptions were averaged to yield resulting net migration at both the state and county level. The counties were controlled to the independent state derived estimate. Net migration totals combined with natural increase produced the resulting estimates. The equation producing 1984 civilian estimates was as follows:

$$CP_i^{84} = B_i^{84} - D_i^{84} + (.471367\ A_i^{84} + 3.474855\ H_i^{84} + .992575\ T_i^{84}) / 3$$

where:

CP = Civilian non-institutional population for April 1
B = Births
D = Deaths
A = Auto registrations
H = Homestead exemption change
T = Tax return change

Military and institutional population was then added in to yield the resident population.

The methodology employed is what distinguishes these estimates from estimates produced by other agencies. There are many methods for estimating and projecting population, and no one method can be considered the best approach. In reality, the user should consider estimates and projections as guidlines for what is occurring in a state or county. Used in this capacity, the estimates contained in this report should prove extremely helpful. In our efforts, OPB has attempted to provide to users of population data a set of estimates for Georgia based on a sound methodology applied consistently throughout Georgia. A state control total has been applied to preclude an unreasonably large or small estimate.

In order to give the user an indication of relative error rates, the OPB estimated 1980 population, prepared prior to 1980, compared to the 1980 Census is as follows:

Frequency	County Population Size	Average Size	Error
10	100,000 +	249,284	2.57%
12	50,000 - 99,999	63,782	4.96%
28	25,000 - 49,999	33,430	4.72%
61	10,000 - 24,999	15,509	4.94%
38	5,000 - 9,999	7,665	4.67%
10	Under 5,000	3,150	9.78%
	State	5,463,105	.62%

Percent error was calculated without regard to sign. As the table indicates, the margin of error usually increases as the size of the county decreases.

Questions concerning this report should be addressed to:

Division of Demographic and Statistical Services
Office of Planning and Budget
270 Washington Street S.W. Room 608
Atlanta, Georgia 30334
(404) 656-0911

Tom Wagner, Director
Jeff Browning
Robin Kirkpatrick

The Office of Planning and Budget wishes to express its appreciation to the following schools and agencies who have assisted us in this effort:

Georgia Board of Regents
Georgia Department of Corrections (Research Evaluation)
Georgia Department of Education (Statistical Services, Regional Services)
Georgia Department of Human Resources (Vital Statistics, Mental Health, and Mental Retardation)
Georgia Department of Revenue (Property Tax, Income Tax, Motor Vehicles, and Research)
Private Universities and Colleges in Georgia
U.S. Bureau of the Census (Local Area Estimates)
U.S. Penitentiary
Veterans Administration Medical Centers
Dobbins Air Force Base
Fort Benning
Fort Gordon
Fort Stewart
Kings's Bay Naval Base
Warner Robins Air Force Base
The Area Planning and Development Commissions in Georgia

COUNTY	1980 RESIDENT POPULATION	1981 RESIDENT POPULATION	1982 RESIDENT POPULATION	1983 RESIDENT POPULATION	1984 RESIDENT POPULATION
Georgia	5,463,105	5,580,249	5,685,686	5,785,030	5,904,110
Appling	15,565	15,839	16,069	16,287	16,565
Atkinson	6,141	6,234	6,354	6,446	6,534
Bacon	9,379	9,400	9,507	9,636	9,742
Baker	3,808	3,841	3,861	3,877	3,856
Baldwin	34,686	35,483	36,426	37,620	37,895
Banks	8,702	8,845	8,897	9,002	9,117
Barrow	21,354	21,808	22,346	22,850	23,399
Bartow	40,760	41,701	42,670	43,631	44,962
Ben Hill	16,000	16,252	16,523	16,761	17,019
Berrien	13,525	13,610	13,757	13,905	14,077
Bibb	150,256	151,811	153,421	154,751	156,664
Bleckley	10,767	10,768	10,791	10,858	10,859
Brantley	8,701	8,979	9,099	9,230	9,358
Brooks	15,255	15,316	15,484	15,675	15,811
Bryan	10,175	10,515	10,713	10,930	11,195
Bulloch	35,785	36,426	36,801	36,911	37,542
Burke	19,349	19,660	19,943	20,217	20,552
Butts	13,665	13,895	14,882	14,648	14,811
Calhoun	5,717	5,761	5,772	5,789	5,774
Camden	13,371	13,803	14,335	14,719	15,658
Candler	7,518	7,546	7,578	7,590	7,606
Carroll	56,346	57,815	59,128	60,168	61,361
Catoosa	36,991	37,758	38,435	39,046	39,424
Charlton	7,343	7,475	7,577	7,680	7,784
Chatham	202,226	205,288	207,727	210,308	212,596
Chattahoochee	21,732	22,223	28,170	22,363	24,121
Chattooga	21,856	21,783	21,896	22,051	22,214
Cherokee	51,699	54,067	56,312	58,478	60,960
Clarke	74,498	75,554	76,535	77,716	78,510
Clay	3,553	3,594	3,613	3,649	3,659
Clayton	150,357	154,496	157,916	161,410	165,630
Clinch	6,660	6,739	6,806	6,888	6,971
Cobb	297,718	312,164	325,512	337,435	353,417
Coffee	26,894	27,371	27,901	28,373	28,725
Colquitt	35,376	35,865	36,207	36,522	36,943
Columbia	40,118	42,023	43,598	45,021	46,974
Cook	13,490	13,586	13,710	13,890	14,018
Coweta	39,268	40,039	40,712	41,430	42,503
Crawford	7,684	7,793	7,913	8,026	8,132
Crisp	19,489	19,820	19,780	19,853	19,890
Dade	12,318	12,341	12,454	12,645	12,737
Dawson	4,774	4,947	5,140	5,311	5,381
Decatur	25,495	25,901	26,165	26,546	26,750
DeKalb	483,024	492,788	500,050	507,744	517,569
Dodge	16,955	17,190	17,257	17,606	17,825
Dooly	10,826	10,963	11,028	11,128	11,209
Dougherty	100,718	102,398	103,749	105,102	106,889

COUNTY	1980 RESIDENT POPULATION	1981 RESIDENT POPULATION	1982 RESIDENT POPULATION	1983 RESIDENT POPULATION	1984 RESIDENT POPULATION
Douglas	54,573	55,970	57,416	58,823	60,486
Early	13,158	13,363	13,433	13,607	13,698
Echols	2,297	2,302	2,321	2,359	2,420
Effingham	18,327	18,711	19,202	19,690	20,017
Elbert	18,758	18,850	18,965	19,182	19,321
Emanuel	20,795	21,027	21,273	21,522	21,757
Evans	8,428	8,505	8,621	8,746	8,812
Fannin	14,748	14,775	14,917	15,074	15,150
Fayette	29,043	31,094	32,770	34,224	36,154
Floyd	79,800	80,281	80,552	81,009	81,606
Forsyth	27,958	28,931	29,733	30,404	31,378
Franklin	15,185	15,433	15,571	15,759	15,941
Fulton	589,904	601,825	608,698	617,329	626,837
Gilmer	11,110	11,262	11,416	11,589	11,755
Glascock	2,382	2,392	2,394	2,395	2,401
Glynn	54,981	56,104	56,933	57,566	58,461
Gordon	30,070	30,520	31,177	31,840	32,529
Grady	19,845	19,991	20,109	20,406	20,579
Greene	11,391	11,550	11,741	11,944	12,081
Gwinnett	166,903	178,793	190,697	201,932	216,054
Habersham	25,020	25,387	25,979	26,263	26,589
Hall	75,649	77,148	78,850	80,489	82,363
Hancock	9,466	9,582	9,593	9,648	9,650
Haralson	18,422	18,762	19,021	19,337	19,656
Harris	15,464	15,676	15,959	16,217	16,629
Hart	18,585	18,830	19,027	19,157	19,403
Heard	6,520	6,619	6,672	6,741	6,832
Henry	36,309	37,509	38,633	39,573	40,935
Houston	77,605	79,349	81,759	83,041	83,954
Irwin	8,988	9,056	9,109	9,186	9,256
Jackson	25,343	25,713	26,052	26,329	26,711
Jasper	7,553	7,686	7,857	8,000	8,129
Jeff Davis	11,473	11,680	11,846	11,986	12,125
Jefferson	18,403	18,403	18,493	18,730	18,904
Jenkins	8,841	8,937	8,980	9,026	9,092
Johnson	8,660	8,693	8,776	8,865	8,815
Jones	16,579	16,995	17,408	17,762	18,280
Lamar	12,215	12,257	12,346	12,455	12,596
Lanier	5,654	5,701	5,727	5,779	5,828
Laurens	36,990	37,420	37,754	38,108	38,594
Lee	11,684	12,176	12,708	13,188	13,833
Liberty	37,583	38,637	40,021	41,555	43,449
Lincoln	6,716	6,864	6,922	7,027	7,107
Long	4,524	4,653	4,768	4,887	5,113
Lowndes	67,972	69,308	70,934	72,330	73,672
Lumpkin	10,762	11,062	11,316	11,531	11,649
Macon	14,003	14,190	14,264	14,382	14,454
Madison	17,747	18,085	18,436	18,764	19,151
Marion	5,297	5,287	5,356	5,448	5,512

COUNTY	1980 RESIDENT POPULATION	1981 RESIDENT POPULATION	1982 RESIDENT POPULATION	1983 RESIDENT POPULATION	1984 RESIDENT POPULATION
McDuffie	18,546	18,880	19,039	19,275	19,504
McIntosh	8,046	8,109	8,183	8,252	8,386
Meriwether	21,229	21,345	21,379	21,470	21,494
Miller	7,038	7,076	7,123	7,210	7,328
Mitchell	21,114	21,483	21,735	21,935	22,275
Monroe	14,610	14,735	14,894	15,042	15,345
Montgomery	7,011	7,123	7,235	7,420	7,591
Morgan	11,572	11,819	12,120	12,391	12,596
Murray	19,685	20,076	20,451	20,849	21,286
Muscogee	170,108	172,317	175,769	180,865	184,767
Newton	34,489	35,004	35,779	36,719	37,757
Oconee	12,427	12,956	13,471	13,928	14,378
Oglethorpe	8,929	9,003	9,125	9,229	9,391
Paulding	26,110	26,928	27,614	28,335	28,814
Peach	19,151	19,417	19,630	20,031	20,310
Pickens	11,652	11,910	12,174	12,464	12,787
Pierce	11,897	12,137	12,234	12,416	12,481
Pike	8,937	9,040	9,133	9,214	9,300
Polk	32,386	32,845	33,070	33,368	33,719
Pulaski	8,950	9,035	9,090	9,119	9,182
Putnam	10,295	10,490	10,690	10,896	11,139
Quitman	2,357	2,324	2,315	2,305	2,318
Rabun	10,466	10,604	10,739	10,867	10,990
Randolph	9,599	9,642	9,617	9,616	9,617
Richmond	181,629	185,521	183,908	187,585	190,381
Rockdale	36,747	37,499	38,392	39,221	40,408
Schley	3,433	3,474	3,504	3,552	3,549
Screven	14,043	14,160	14,293	14,437	14,530
Seminole	9,057	9,057	9,111	9,161	9,113
Spalding	47,899	48,869	49,683	50,424	50,984
Stephens	21,763	22,095	22,281	22,426	22,666
Stewart	5,896	5,965	5,993	6,028	6,050
Sumter	29,360	30,192	30,661	31,186	31,359
Talbot	6,536	6,603	6,579	6,618	6,639
Taliaferro	2,032	2,029	2,018	2,024	2,028
Tattnall	18,134	17,854	17,700	17,730	18,072
Taylor	7,902	7,905	7,944	8,014	8,033
Telfair	11,445	11,525	11,544	11,608	11,694
Terrell	12,017	12,231	12,346	12,449	12,611
Thomas	38,098	38,750	39,321	39,949	40,613
Tift	32,862	33,403	33,737	34,083	34,473
Toombs	22,592	22,810	23,071	23,340	23,699
Towns	5,638	5,717	5,731	5,767	5,822
Treutlen	6,087	6,174	6,183	6,278	6,309
Troup	50,003	50,747	51,314	52,094	52,780
Turner	9,510	9,686	9,732	9,806	9,906
Twiggs	9,354	9,491	9,720	10,016	10,100
Union	9,390	9,544	9,664	9,789	9,900
Upson	25,998	26,144	26,177	26,262	26,239

COUNTY	1980 RESIDENT POPULATION	1981 RESIDENT POPULATION	1982 RESIDENT POPULATION	1983 RESIDENT POPULATION	1984 RESIDENT POPULATION
Walker	56,470	57,029	57,539	58,019	58,276
Walton	31,211	31,851	32,434	33,003	33,791
Ware	37,180	37,509	37,746	37,939	38,200
Warren	6,583	6,640	6,652	6,688	6,716
Washington	18,842	19,052	19,304	19,514	19,685
Wayne	20,750	21,295	21,532	21,733	22,053
Webster	2,341	2,340	2,351	2,381	2,380
Wheeler	5,155	5,198	5,191	5,186	5,103
White	10,120	10,254	10,494	10,674	10,756
Whitfield	65,789	66,837	67,983	69,168	70,330
Wilcox	7,682	7,710	7,718	7,737	7,709
Wilkes	10,951	11,099	11,227	11,320	11,472
Wilkinson	10,368	10,543	10,696	10,825	10,946
Worth	18,064	18,331	18,578	18,854	19,074

COUNTY	1980-1984 POPULATION CHANGE	RANK	1980-1984 PERCENT CHANGE	RANK	1984 RESIDENT POPULATION	RANK
Georgia	441,005		8.07		5,904,110	
Appling	1,000	72	6.42	54	16,565	79
Atkinson	393	116	6.40	55	6,534	142
Bacon	363	121	3.87	114	9,742	115
Baker	48	151	1.26	146	3,856	152
Baldwin	3,209	29	9.25	25	37,895	34
Banks	415	112	4.77	94	9,117	123
Barrow	2,045	40	9.58	23	23,399	53
Bartow	4,202	22	10.31	17	44,962	25
Ben Hill	1,019	70	6.37	56	17,019	77
Berrien	552	99	4.08	110	14,077	89
Bibb	6,408	13	4.26	103	156,664	9
Bleckley	92	147	0.85	151	10,859	110
Brantley	657	86	7.55	44	9,358	119
Brooks	556	98	3.64	117	15,811	81
Bryan	1,020	68	10.02	20	11,195	106
Bulloch	1,757	46	4.91	88	37,542	36
Burke	1,203	60	6.22	62	20,552	62
Butts	1,146	64	8.39	31	14,811	85
Calhoun	57	149	1.00	149	5,774	147
Camden	2,287	38	17.10	6	15,658	82
Candler	88	148	1.17	148	7,606	134
Carroll	5,015	19	8.90	27	61,361	17
Catoosa	2,433	36	6.58	52	39,424	31
Charlton	441	110	6.01	66	7,784	132
Chatham	10,370	7	5.13	81	212,596	5
Chattahoochee	2,389	37	10.99	14	24,121	51
Chattooga	358	123	1.64	144	22,214	56
Cherokee	9,261	8	17.91	5	60,960	18
Clarke	4,012	23	5.39	77	78,510	14
Clay	106	145	2.98	128	3,659	153
Clayton	15,273	5	10.16	19	165,630	8
Clinch	311	126	4.67	96	6,971	138
Cobb	55,699	1	18.71	3	353,417	3
Coffee	1,831	43	6.81	48	28,725	46
Colquitt	1,567	53	4.43	100	36,943	37
Columbia	6,856	11	17.09	7	46,974	24
Cook	528	101	3.91	113	14,018	90
Coweta	3,235	28	8.24	35	42,503	27
Crawford	448	109	5.83	67	8,132	129
Crisp	401	114	2.06	138	19,890	65
Dade	419	111	3.40	120	12,737	94
Dawson	607	90	12.71	12	5,381	149
Decatur	1,255	58	4.92	87	26,750	47
DeKalb	34,545	4	7.15	46	517,569	2
Dodge	870	77	5.13	81	17,825	76
Dooly	383	119	3.54	118	11,209	105
Dougherty	6,171	15	6.13	63	106,889	10

COUNTY	1980-1984 POPULATION CHANGE	RANK	1980-1984 PERCENT CHANGE	RANK	1984 RESIDENT POPULATION	RANK
Douglas	5,913	16	10.84	15	60,486	19
Early	540	100	4.10	109	13,698	92
Echols	123	143	5.35	78	2,420	155
Effingham	1,690	48	9.22	26	20,017	64
Elbert	563	97	3.00	127	19,321	70
Emanuel	962	73	4.63	97	21,757	58
Evans	384	118	4.56	98	8,812	127
Fannin	402	113	2.73	132	15,150	84
Fayette	7,111	10	24.48	2	36,154	38
Floyd	1,806	44	2.26	136	81,606	13
Forsyth	3,420	26	12.23	13	31,378	43
Franklin	756	81	4.98	85	15,941	80
Fulton	36,933	3	6.26	61	626,837	1
Gilmer	645	88	5.81	69	11,755	101
Glascock	19	154	0.80	152	2,401	156
Glynn	3,480	25	6.33	57	58,461	20
Gordon	2,459	35	8.18	38	32,529	42
Grady	734	84	3.70	115	20,579	61
Greene	690	85	6.06	64	12,081	100
Gwinnett	49,151	2	29.45	1	216,054	4
Habersham	1,569	52	6.27	60	26,589	49
Hall	6,714	12	8.88	28	82,363	12
Hancock	184	136	1.94	140	9,650	126
Haralson	1,234	59	6.70	50	19,656	67
Harris	1,165	61	7.53	45	16,629	78
Hart	818	80	4.40	101	19,403	69
Heard	312	125	4.79	93	6,832	139
Henry	4,626	20	12.74	11	40,935	28
Houston	6,349	14	8.18	38	83,954	11
Irwin	268	128	2.98	128	9,256	121
Jackson	1,368	55	5.40	76	26,711	48
Jasper	576	96	7.63	43	8,129	130
Jeff Davis	652	87	5.68	70	12,125	99
Jefferson	501	105	2.72	133	18,904	73
Jenkins	251	130	2.84	130	9,092	125
Johnson	155	139	1.79	141	8,815	126
Jones	1,701	47	10.26	18	18,280	74
Lamar	381	120	3.12	125	12,596	96
Lanier	174	138	3.08	126	5,828	145
Laurens	1,604	50	4.34	102	38,594	32
Lee	2,149	39	18.39	4	13,833	91
Liberty	5,866	17	15.61	9	43,449	26
Lincoln	391	117	5.82	68	7,107	137
Long	589	92	13.02	10	5,113	150
Lowndes	5,700	18	8.39	31	73,672	15
Lumpkin	887	76	8.24	35	11,649	103
Macon	451	108	3.22	123	14,454	87
Madison	1,404	54	7.91	42	19,151	71
Marion	215	135	4.06	111	5,512	148

COUNTY	1980-1984 POPULATION CHANGE	RANK	1980-1984 PERCENT CHANGE	RANK	1984 RESIDENT POPULATION	RANK
McDuffie	958	74	5.17	79	19,504	68
McIntosh	340	124	4.23	104	8,386	128
Meriwether	265	129	1.25	147	21,494	59
Miller	290	127	4.12	107	7,328	136
Mitchell	1,161	62	5.50	74	22,275	55
Monroe	735	83	5.03	83	15,345	83
Montgomery	580	94	8.27	33	7,591	135
Morgan	1,024	67	8.85	29	12,596	96
Murray	1,601	51	8.13	40	21,286	60
Muscogee	14,659	6	8.62	30	184,767	7
Newton	3,268	27	9.48	24	37,757	35
Oconee	1,951	42	15.70	8	14,378	88
Oglethorpe	462	107	5.17	79	9,391	118
Paulding	2,704	32	10.36	16	28,814	45
Peach	1,159	63	6.05	65	20,310	63
Pickens	1,135	65	9.74	22	12,787	93
Pierce	584	93	4.91	88	12,481	98
Pike	363	121	4.06	111	9,300	120
Polk	1,333	56	4.12	107	33,719	41
Pulaski	232	133	2.59	135	9,182	122
Putnam	844	78	8.20	37	11,139	107
Quitman	(39)	157	-1.65	159	2,318	158
Rabun	524	102	5.01	84	10,990	108
Randolph	18	155	0.19	155	9,617	117
Richmond	8,752	9	4.82	92	190,381	6
Rockdale	3,661	24	9.96	21	40,408	30
Schley	116	144	3.38	121	3,549	154
Screven	487	106	3.47	119	14,530	86
Seminole	56	150	0.62	153	9,113	124
Spalding	3,085	30	6.44	53	50,984	23
Stephens	903	75	4.15	106	22,666	54
Stewart	154	140	2.61	134	6,050	144
Sumter	1,999	41	6.81	48	31,359	44
Talbot	103	146	1.58	145	6,639	141
Taliaferro	(4)	156	-0.20	156	2,028	159
Tattnall	(62)	159	-0.34	157	18,072	75
Taylor	131	142	1.66	143	8,033	131
Telfair	249	131	2.18	137	11,694	102
Terrell	594	91	4.94	86	12,611	95
Thomas	2,515	34	6.60	51	40,613	29
Tift	1,611	49	4.90	90	34,473	39
Toombs	1,107	66	4.90	90	23,699	52
Towns	184	136	3.26	122	5,822	146
Treutlen	222	134	3.65	116	6,309	143
Troup	2,777	31	5.55	73	52,780	22
Turner	396	115	4.16	105	9,906	113
Twiggs	746	82	7.98	41	10,100	112
Union	510	104	5.43	75	9,900	114
Upson	241	132	0.93	150	26,239	50

COUNTY	1980-1984 POPULATION CHANGE	RANK	1980-1984 PERCENT CHANGE	RANK	1984 RESIDENT POPULATION	RANK
Walker	1,806	44	3.20	124	58,276	21
Walton	2,580	33	8.27	33	33,791	40
Ware	1,020	68	2.74	131	38,200	33
Warren	133	141	2.02	139	6,716	140
Washington	843	79	4.47	99	19,685	66
Wayne	1,303	57	6.28	58	22,053	57
Webster	39	152	1.67	142	2,380	157
Wheeler	(52)	158	-1.01	158	5,103	151
White	636	89	6.28	58	10,756	111
Whitfield	4,541	21	6.90	47	70,330	16
Wilcox	27	153	0.35	154	7,709	133
Wilkes	521	103	4.76	95	11,472	104
Wilkinson	578	95	5.57	72	10,946	109
Worth	1,010	71	5.59	71	19,074	72